

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number  
**WO 2005/035973 A1**

(51) International Patent Classification<sup>7</sup>: **F02M 61/18**

(21) International Application Number:  
PCT/GB2004/004245

(22) International Filing Date: 6 October 2004 (06.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03256280.3 6 October 2003 (06.10.2003) EP

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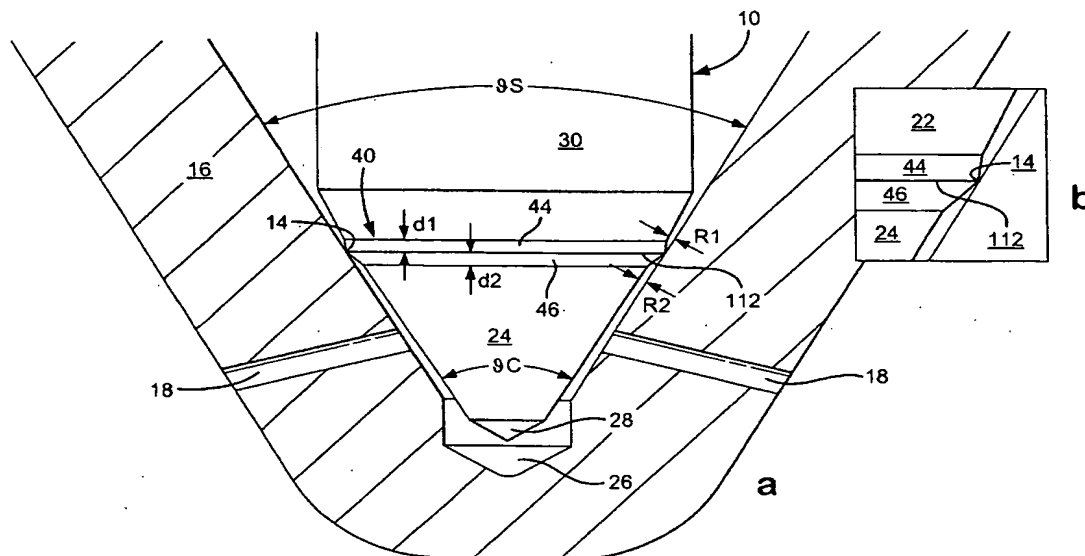
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: **INJECTION NOZZLE**



(57) Abstract: An injection nozzle for an internal combustion engine has a valve member (10) with a seating line (112) defining a seat diameter, the seating line (112) being engageable with a seating surface (14) to control fuel injection by the nozzle, in use. The seating line is defined by a protruding annular ridge (40, 44, 46), integrally formed with the valve needle (10), so as to reduce variations in the seat diameter which would otherwise arise at manufacture due to contact between the valve needle (10) and the seating surface (14) in regions other than at the seating line. The invention provides an advantage in manufacture as repeatability and consistency of the geometry, and in particular the effective seat diameter, of nozzle products is improved.

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**Published:**

— with international search report

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